

Title (en)
EFFICIENT TESSELLATION CACHE

Title (de)
EFFIZIENTER TESSELERUGSCACHE

Title (fr)
CACHE DE TESSELLATION EFFICACE

Publication
EP 3198564 A1 20170802 (EN)

Application
EP 15844657 A 20150828

Priority
• US 201414495926 A 20140925
• US 2015047455 W 20150828

Abstract (en)
[origin: WO2016048577A1] Systems and methods may provide for conducting a region determination of whether one or more domain points associated with a tessellated patch are shared between multiple region sets of the tessellated patch. If the one or more domain points are not shared between multiple region sets of the tessellated patch, an intra-region cache may be automatically interrogated for non-shared shading data. If the one or more domain points are shared between multiple region sets of the tessellated patch, an inter-region cache may be automatically interrogated for shared shading data. In one example, one or more references to the shared shading data is generated and associated with the one or more domain points when cache hits occur in the inter-region cache.

IPC 8 full level
G06T 17/20 (2006.01)

CPC (source: CN EP US)
G06T 1/20 (2013.01 - US); **G06T 1/60** (2013.01 - US); **G06T 15/005** (2013.01 - CN EP US); **G06T 15/80** (2013.01 - US);
G06T 17/20 (2013.01 - CN EP US); **G06T 2200/04** (2013.01 - US); **G06T 2200/28** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016048577 A1 20160331; CN 107251097 A 20171013; EP 3198564 A1 20170802; EP 3198564 A4 20180221;
US 2016093102 A1 20160331

DOCDB simple family (application)
US 2015047455 W 20150828; CN 201580045572 A 20150828; EP 15844657 A 20150828; US 201414495926 A 20140925